10586814X

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LOGINID:SSSPTA1626GMS

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS 3	NOV 26	MARPAT enhanced with FSORT command
NEWS 4	NOV 26	CHEMSAFE now available on STN Easy
NEWS 5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS 6	DEC 01	ChemPort single article sales feature unavailable
NEWS 7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS 8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS 9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS 11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS 14	FEB 10	COMPENDEX reloaded and enhanced
NEWS 15	FEB 11	WTEXTILES reloaded and enhanced
NEWS 16	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS 17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS 18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS 21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS 23	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS 24	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants

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 NEWS 25  MAR 11  ESBIOBASE reloaded and enhanced
 NEWS 26  MAR 20  CAS databases on STN enhanced with new super role
                  for nanomaterial substances
 NEWS 27  MAR 23  CA/CAplus enhanced with more than 250,000 patent
                  equivalents from China

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:26:58 ON 26 MAR 2009

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.22       0.22

FILE 'REGISTRY' ENTERED AT 11:27:19 ON 26 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   24 MAR 2009  HIGHEST RN 1126602-40-1
DICTIONARY FILE UPDATES:  24 MAR 2009  HIGHEST RN 1126602-40-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.
```

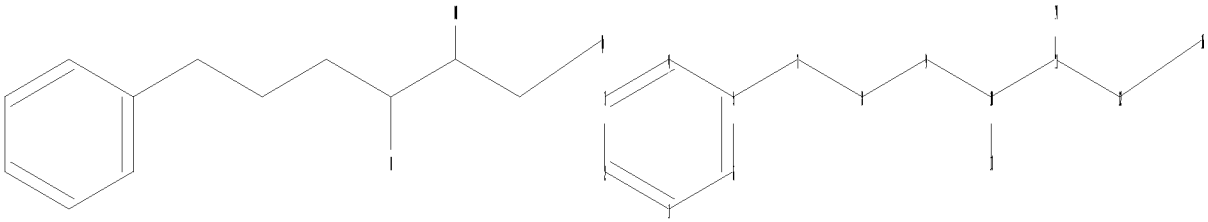
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10586814X.str

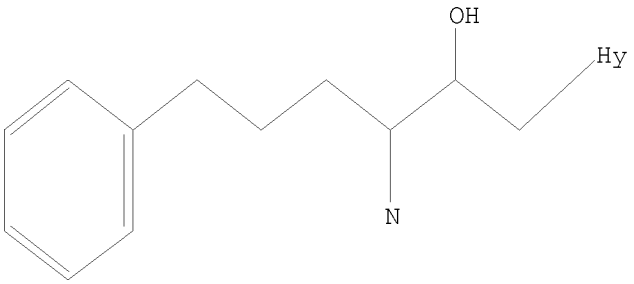


chain nodes :
7 8 9 10 11 12 13 14 16
ring nodes :
1 2 3 4 5 6
chain bonds :
5-7 7-8 8-9 9-10 10-11 10-13 11-12 11-14 12-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
10-13 11-14 12-16
exact bonds :
5-7 7-8 8-9 9-10 10-11 11-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 12:CLASS 13:CLASS 14:CLASS 16:Atom

L1   STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1   STR



Structure attributes must be viewed using STN Express query preparation.

```
=> S L1
SAMPLE SEARCH INITIATED 11:27:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     4567 TO ITERATE

 43.8% PROCESSED     2000 ITERATIONS                                1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        87287 TO    95393
PROJECTED ANSWERS:               1 TO      135

L2            1 SEA SSS SAM L1

=> S L1 SSS FULL
FULL SEARCH INITIATED 11:27:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    89688 TO ITERATE

100.0% PROCESSED    89688 ITERATIONS                               79 ANSWERS
SEARCH TIME: 00.00.03

L3           79 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\10586814Y.str
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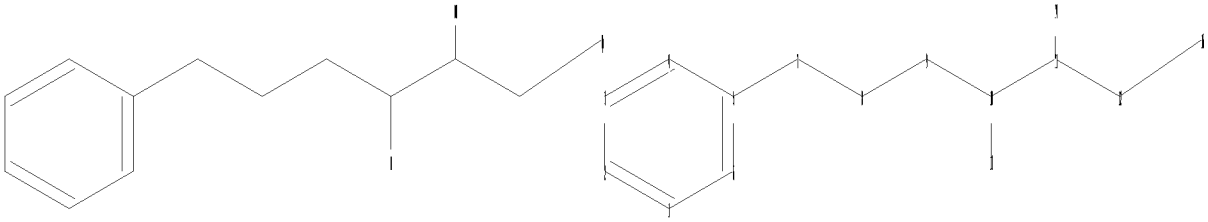


```
chain nodes :
7  8  9  10  11  12  13  14  16
ring nodes :
1  2  3  4  5  6
```

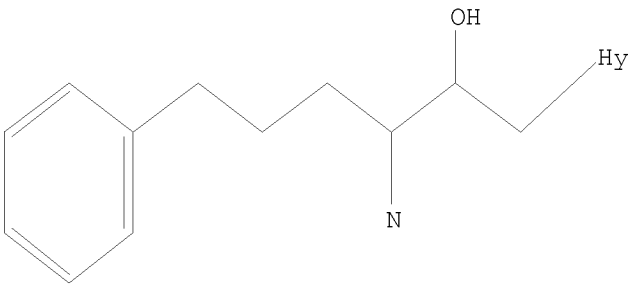
```
chain bonds :
5-7  7-8  8-9  9-10  10-11  10-13  11-12  11-14  12-16
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
10-13  11-14  12-16
exact bonds :
5-7  7-8  8-9  9-10  10-11  11-12
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
 11:CLASS  12:CLASS  13:CLASS  14:CLASS  16:Atom
Generic attributes :
16:
Number of Hetero Atoms : Exactly 1




L4      STRUCTURE UPLOADED

=> D L4
L4 HAS NO ANSWERS
L4              STR
```

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Structure attributes must be viewed using STN Express query preparation.


=> S L4
SAMPLE SEARCH INITIATED 11:29:53 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     4567 TO ITERATE

 43.8% PROCESSED     2000 ITERATIONS                                1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        87287 TO    95393
```

PROJECTED ANSWERS: 1 TO 135

L5 1 SEA SSS SAM L4

=> S L4 SSS FULL
FULL SEARCH INITIATED 11:30:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 89688 TO ITERATE

100.0% PROCESSED 89688 ITERATIONS 74 ANSWERS
SEARCH TIME: 00.00.03

L6 74 SEA SSS FUL L4

=> FIL HCAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	373.20	373.42

FILE 'HCAPLUS' ENTERED AT 11:30:12 ON 26 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 26 Mar 2009 VOL 150 ISS 13
FILE LAST UPDATED: 25 Mar 2009 (20090325/ED)

HCAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> S L3
L7 4 L3

=> S L4
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

```
SAMPLE SEARCH INITIATED 11:30:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     4567 TO ITERATE

 43.8% PROCESSED     2000 ITERATIONS                                 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        87287 TO    95393
PROJECTED ANSWERS:               1 TO      135

L8            1 SEA SSS SAM L4



L9           2 L8

=> D HIS

     (FILE 'HOME' ENTERED AT 11:26:58 ON 26 MAR 2009)

     FILE 'REGISTRY' ENTERED AT 11:27:19 ON 26 MAR 2009
L1              STRUCTURE UPLOADED
L2            1 S L1
L3           79 S L1 SSS FULL
L4              STRUCTURE UPLOADED
L5            1 S L4
L6           74 S L4 SSS FULL

     FILE 'HCAPLUS' ENTERED AT 11:30:12 ON 26 MAR 2009
L7            4 S L3
                S L4

     FILE 'REGISTRY' ENTERED AT 11:30:19 ON 26 MAR 2009
L8            1 S L4

     FILE 'HCAPLUS' ENTERED AT 11:30:20 ON 26 MAR 2009
L9            2 S L8

=> S L3
L10          4 L3

=> S L6
L11          4 L6

=> S L10 AND PY<=2004
      25139514 PY<=2004
L12          1 L10 AND PY<=2004

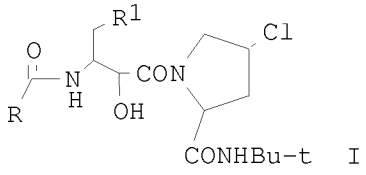
=> S L11 AND PY<=2004
      25139514 PY<=2004
L13          1 L11 AND PY<=2004

=> d l12 ibib abs hitstr tot
```

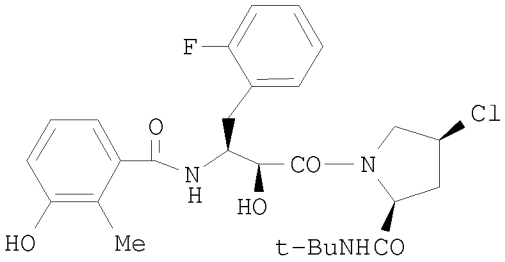
L12 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:665142 HCAPLUS
DOCUMENT NUMBER: 131:286827
TITLE: Preparation of dipeptide chemical compound which includes the AHPBA derivatives as antiviral agents
INVENTOR(S): Yabe, Yuichiro; Hayakawa, Ichio; Nitta, Tamayo; Takagi, Eiji; Ozawa, Yuji; Nakagawa, Akihiko
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11286478	A	19991019	JP 1998-89032	19980401 <--

PRIORITY APPLN. INFO.: JP 1998-89032 19980401
OTHER SOURCE(S): MARPAT 131:286827
GI



I

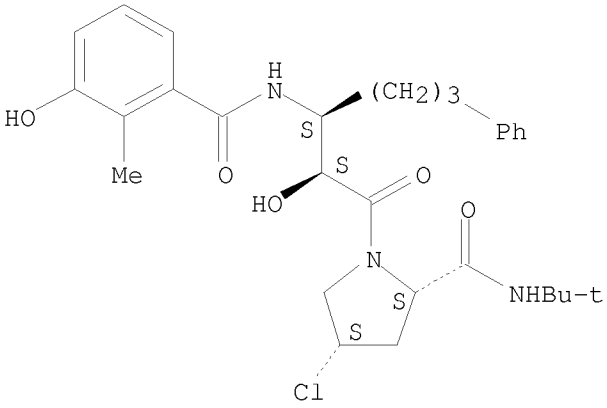


II

AB AHPBA (3-amino-2-hydroxy-4-phenylbutyric acid) containing title compds. [I; R = (un)substituted aryl, such as 3-HO-2-CH3C6H3, 2,4-(CH3)2C6H3, 3-HO-2,5-(CH3)2C6H2, 3-HO-2,4-(CH3)2C6H2, 3-HO-2,6-(CH3)2C6H2, etc.; R1 = (un)substituted aryl, such as 2-FC6H4, 3-FC6H4, 4-FC6H4, 2,3-F2C6H3, 4-CF3C6H4, 3-CF3C6H4, etc.] are prepared and tested as antiviral agents

against HIV. Thus, the title compound II was prepared
IT 246877-46-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dipeptides as antiviral agents)
RN 246877-46-3 HCAPLUS
CN 2-Pyrrolidinecarboxamide, 4-chloro-N-(1,1-dimethylethyl)-1-[(2S,3S)-2-hydroxy-3-[(3-hydroxy-2-methylbenzoyl)amino]-1-oxo-6-phenylhexyl]-, (2S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

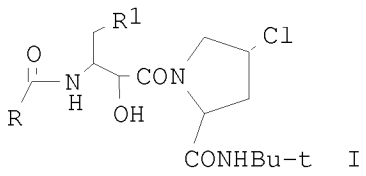


=> d l13 ibib abs hitstr tot

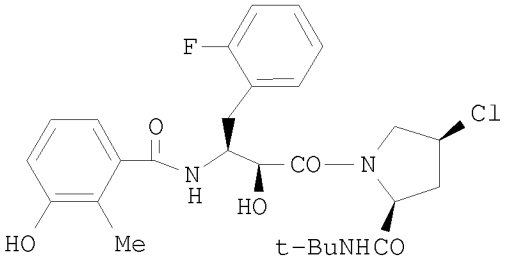
L13 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:665142 HCAPLUS
DOCUMENT NUMBER: 131:286827
TITLE: Preparation of dipeptide chemical compound which includes the AHPBA derivatives as antiviral agents
INVENTOR(S): Yabe, Yuichiro; Hayakawa, Ichio; Nitta, Tamayo; Takagi, Eiji; Ozawa, Yuji; Nakagawa, Akihiko
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11286478	A	19991019	JP 1998-89032	19980401 <--

PRIORITY APPLN. INFO.: JP 1998-89032 19980401
OTHER SOURCE(S): MARPAT 131:286827
GI



I



II

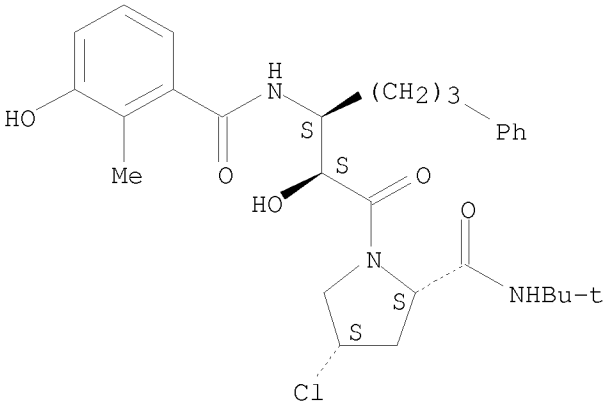
AB AHPBA (3-amino-2-hydroxy-4-phenylbutyric acid) containing title compds. [I; R = (un)substituted aryl, such as 3-HO-2-CH3C6H3, 2,4-(CH3)2C6H3, 3-HO-2,5-(CH3)2C6H2, 3-HO-2,4-(CH3)2C6H2, 3-HO-2,6-(CH3)2C6H2, etc.; R1 = (un)substituted aryl, such as 2-FC6H4, 3-FC6H4, 4-FC6H4, 2,3-F2C6H3, 4-CF3C6H4, 3-CF3C6H4, etc.] are prepared and tested as antiviral agents against HIV. Thus, the title compound II was prepared

IT 246877-46-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dipeptides as antiviral agents)

RN 246877-46-3 HCAPLUS

CN 2-Pyrrolidinecarboxamide, 4-chloro-N-(1,1-dimethylethyl)-1-[(2S,3S)-2-hydroxy-3-[(3-hydroxy-2-methylbenzoyl)amino]-1-oxo-6-phenylhexyl]-, (2S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

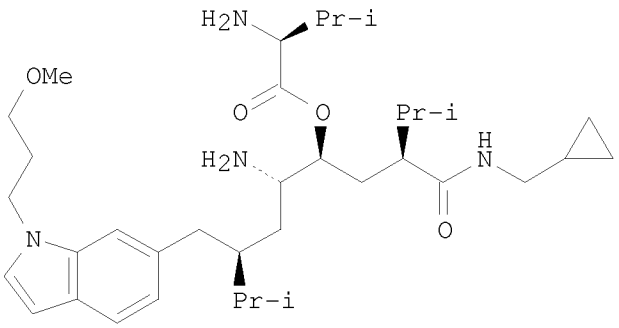


=> d l10 ibib abs tot

L10 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:467208 HCAPLUS
DOCUMENT NUMBER: 148:472388
TITLE: Preparation of amino alcohol derivatives as renin inhibitors
INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane
PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.
SOURCE: Eur. Pat. Appl., 39pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1911762	A1	20080416	EP 2006-121768	20061004
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			EP 2006-121768	20061004

OTHER SOURCE(S): MARPAT 148:472388
GI



I

AB The invention relates to substituted amino alcs. Q-NHCH(CH2CR2R3CH2-T)CH(CH2-X)O-Z [Q is H, a radical A whereby an amide bond is formed, or CO2CHR6OCOR7; T is R1, R1CO, or R1CONR5; X is NR5COR4, -alkylene-CONR4R5, or NR8R9; Z is H or a radical A whereby an ester bond is formed; R1 is aryl or nitrogen-containing heterocyclyl; R2, R3 are H or alkyl or together are cycloalkyl; R4 is (un)substituted alkyl, whereby hydroxy groups are optionally substituted by a radical A forming an ester bond; R5 is H or alkyl; R6 is optionally carboxy- or hydroxy-substituted alkyl or arylalkyl; R7 is alkyl; NR8R9 is a ring; A is a mono- or dipeptidic residue of one or two of the 20 natural amino acids; a radical A is present in at least one of R4, Q or Z or at least Q is a group of formula CO2CHR6OCOR7] or their pharmaceutically-acceptable salts, including a process for their preparation and use as medicines, in particular as renin inhibitors. The enzymic substrate portion of the compound is simultaneously a substrate for a membrane transporter. Thus, amino acid derivative I bis(trifluoroacetate) was prepared by a multistep sequence involving amide and ester forming reactions.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

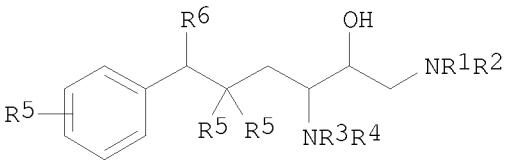
L10 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:81037 HCAPLUS
DOCUMENT NUMBER: 146:162906
TITLE: phenylalkyldiaminoalcohols for treatment of Alzheimer's disease, malaria, or HIV infection.
INVENTOR(S): Herold, Peter; Stutz, Stefan; Tschinke, Vincenzo; Stojanovic, Aleksandar; Marti, Christiane; Quirmbach, Michael; Schumacher, Christoph
PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.
SOURCE: Eur. Pat. Appl., 22pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1745778	A2	20070124	EP 2006-117468	20060719
EP 1745778	A3	20070307		

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU

US 20070021413 A1 20070125 US 2006-488854 20060719
PRIORITY APPLN. INFO.: CH 2005-1209 A 20050720
OTHER SOURCE(S): MARPAT 146:162906
GI



I

AB Use of title compds. [I; R = 1-4 of H, halo, alkyl, cycloalkyl, polyhaloalkyl, alkoxyalkyl, alkoxyalkoxyalkyl, hydroxyalkyl, alkylthioalkyl, imidazolylthioalkyl, etc.; R1 = H, OH, amino, (substituted) alkyl, cycloalkyl, alkanoyl, alkoxycarbonyl, aralkyl, heterocyclylalkyl; R2 = (substituted) alkyl, cycloalkyl, alkylsulfonyl, cycloalkylsulfonyl, aralkylsulfonyl, alkanoyl, alkoxycarbonyl, aralkyl, etc.; R1R2N = (substituted) (unsatd.) 4-8 membered heterocyclyl; R3, R4 = H, alkyl, alkoxycarbonyl, alkanoyl; R5 = H, alkyl; CR5R5 = C3-8 cycloalkylidene; R6 = H, OH], for the preparation of a medication for the inhibition of β-secretase, cathepsin D, plasmepsin II, and/or HIV protease, is claimed (no data).
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:696868 HCAPLUS
DOCUMENT NUMBER: 143:193798
TITLE: Preparation of diamino alcohols as renin inhibitors
INVENTOR(S): Herold, Peter; Stutz, Stefan; Stojanovic, Aleksandar; Tschinke, Vincenzo; Marti, Christiane; Quirmbach, Michael
PATENT ASSIGNEE(S): Speedel Experimenta A.-G., Switz.
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070877	A1	20050804	WO 2005-EP50272	20050121

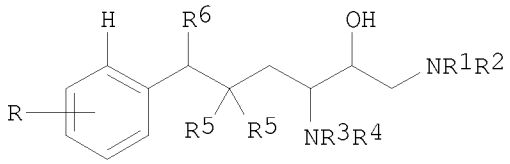
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG

CA 2553831	A1	20050804	CA 2005-2553831		20050121
EP 1735270	A1	20061227	EP 2005-701590		20050121
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
CN 1910141	A	20070207	CN 2005-80002920		20050121
BR 2005007067	A	20070612	BR 2005-7067		20050121
JP 2007522123	T	20070809	JP 2006-550176		20050121
IN 2006DN04188	A	20070713	IN 2006-DN4188		20060720
US 20070161622	A1	20070712	US 2006-586814		20060724
PRIORITY APPLN. INFO.:			CH 2004-94	A	20040123
			WO 2005-EP50272	W	20050121

OTHER SOURCE(S): CASREACT 143:193798; MARPAT 143:193798

GI



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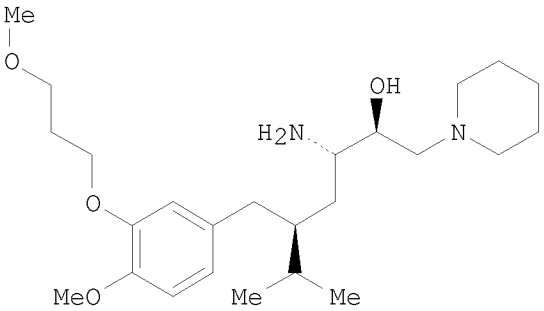

II

AB Title compds. I [R1 = H, OH, NH2, etc.; R2 = (un)substituted alkyl, cycloalkyl, alkylsuphonyl, etc. or R1 and R2 together can form with the nitrogen atom that they are attached to a (un)saturated, (un)substituted 4-8 membered heterocycle containing an addnl. N, O or S, etc.; R3 = H, alkoxycarbonyl, alkanoyl, etc.; R4 = H, alkyl, alkoxycarbonyl, etc.; R5 independently = H, alkyl or together cycloalkylidene; R6 = H or OH; R = H, halo, alkoxyalkyl, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as renin inhibitors. Thus, e.g., II was prepared by coupling of tert-butyl{3(S)-[4-methoxy-3-(3-methoxypropoxy)benzyl]-4-methyl-1(S)-(R)-oxiranylpentyl}-carbamate (preparation given) with piperidine and subsequent deprotection. The activity of I was evaluated in vitro monitoring the reduction of the formation of angiotensin I in different systems (no data). I as renin inhibitor should prove useful in the

treatment of hypertension, heart failure and glaucoma. Pharmaceutical compns. comprising I are disclosed.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:665142 HCAPLUS
DOCUMENT NUMBER: 131:286827
TITLE: Preparation of dipeptide chemical compound which includes the AHPBA derivatives as antiviral agents
INVENTOR(S): Yabe, Yuichiro; Hayakawa, Ichio; Nitta, Tamayo; Takagi, Eiji; Ozawa, Yuji; Nakagawa, Akihiko
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11286478	A	19991019	JP 1998-89032	19980401

PRIORITY APPLN. INFO.: JP 1998-89032 19980401
OTHER SOURCE(S): MARPAT 131:286827
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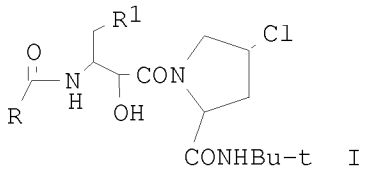

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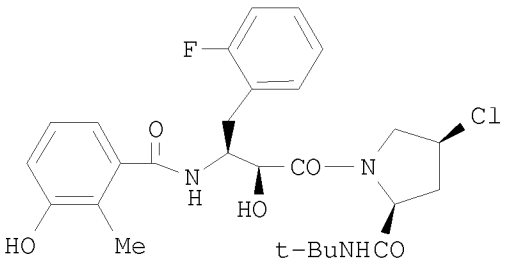


II

AB AHPBA (3-amino-2-hydroxy-4-phenylbutyric acid) containing title compds. [I; R

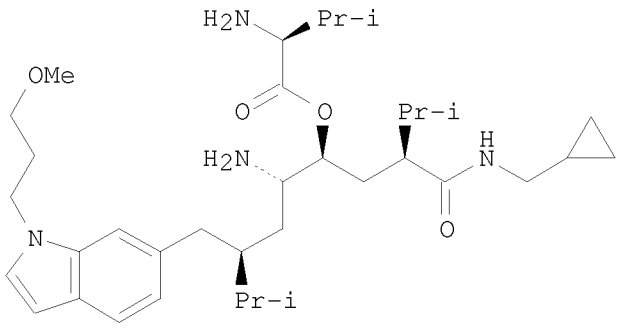
= (un)substituted aryl, such as 3-HO-2-CH3C6H3, 2,4-(CH3)2C6H3, 3-HO-2,5-(CH3)2C6H2, 3-HO-2,4-(CH3)2C6H2, 3-HO-2,6-(CH3)2C6H2, etc.; R1 = (un)substituted aryl, such as 2-FC6H4, 3-FC6H4, 4-FC6H4, 2,3-F2C6H3, 4-CF3C6H4, 3-CF3C6H4, etc.] are prepared and tested as antiviral agents against HIV. Thus, the title compound II was prepared

=> d l11 ibib abs tot

L11 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:467208 HCAPLUS
DOCUMENT NUMBER: 148:472388
TITLE: Preparation of amino alcohol derivatives as renin inhibitors
INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane
PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.
SOURCE: Eur. Pat. Appl., 39pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1911762	A1	20080416	EP 2006-121768	20061004
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			EP 2006-121768	20061004

OTHER SOURCE(S): MARPAT 148:472388
GI



I

AB The invention relates to substituted amino alcs. Q-NHCH(CH2CR2R3CH2-T)CH(CH2-X)O-Z [Q is H, a radical A whereby an amide bond is formed, or CO2CHR6OCOR7; T is R1, R1CO, or R1CONR5; X is NR5COR4, -alkylene-CONR4R5, or NR8R9; Z is H or a radical A whereby an ester bond is formed; R1 is aryl or nitrogen-containing heterocyclyl; R2, R3 are H or

alkyl or together are cycloalkyl; R4 is (un)substituted alkyl, whereby hydroxy groups are optionally substituted by a radical A forming an ester bond; R5 is H or alkyl; R6 is optionally carboxy- or hydroxy-substituted alkyl or arylalkyl; R7 is alkyl; NR8R9 is a ring; A is a mono- or dipeptidic residue of one or two of the 20 natural amino acids; a radical A is present in at least one of R4, Q or Z or at least Q is a group of formula CO2CHR6OCOR7] or their pharmaceutically-acceptable salts, including a process for their preparation and use as medicines, in particular as renin inhibitors. The enzymic substrate portion of the compound is simultaneously a substrate for a membrane transporter. Thus, amino acid derivative I bis(trifluoroacetate) was prepared by a multistep sequence involving amide and ester forming reactions.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:81037 HCAPLUS
DOCUMENT NUMBER: 146:162906
TITLE: phenylalkyldiaminoalcohols for treatment of Alzheimer's disease, malaria, or HIV infection.
INVENTOR(S): Herold, Peter; Stutz, Stefan; Tschinke, Vincenzo; Stojanovic, Aleksandar; Marti, Christiane; Quirmbach, Michael; Schumacher, Christoph
PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.
SOURCE: Eur. Pat. Appl., 22pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1745778	A2	20070124	EP 2006-117468	20060719
EP 1745778	A3	20070307		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
US 20070021413	A1	20070125	US 2006-488854	20060719
PRIORITY APPLN. INFO.:			CH 2005-1209 A	20050720

OTHER SOURCE(S): MARPAT 146:162906
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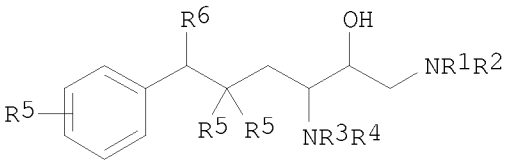


I

AB Use of title compds. [I; R = 1-4 of H, halo, alkyl, cycloalkyl, polyhaloalkyl, alkoxyalkyl, alkoxyalkoxyalkyl, hydroxyalkyl,

alkylthioalkyl, imidazolylthioalkyl, etc.; R1 = H, OH, amino, (substituted) alkyl, cycloalkyl, alkanoyl, alkoxycarbonyl, aralkyl, heterocyclylalkyl; R2 = (substituted) alkyl, cycloalkyl, alkylsulfonyl, cycloalkylsulfonyl, aralkylsulfonyl, alkanoyl, alkoxycarbonyl, aralkyl, etc.; R1R2N = (substituted) (unsatd.) 4-8 membered heterocyclyl; R3, R4 = H, alkyl, alkoxycarbonyl, alkanoyl; R5 = H, alkyl; CR5R5 = C3-8 cycloalkylidene; R6 = H, OH], for the preparation of a medication for the inhibition of β-secretase, cathepsin D, plasmepsin II, and/or HIV protease, is claimed (no data).

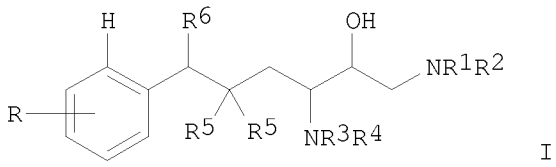
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:696868 HCAPLUS
DOCUMENT NUMBER: 143:193798
TITLE: Preparation of diamino alcohols as renin inhibitors
INVENTOR(S): Herold, Peter; Stutz, Stefan; Stojanovic, Aleksandar; Tschinke, Vincenzo; Marti, Christiane; Quirmbach, Michael
PATENT ASSIGNEE(S): Speedel Experimenta A.-G., Switz.
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2005070877	A1	20050804	WO 2005-EP50272		20050121
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
CA 2553831	A1	20050804	CA 2005-2553831		20050121
EP 1735270	A1	20061227	EP 2005-701590		20050121
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
CN 1910141	A	20070207	CN 2005-80002920		20050121
BR 2005007067	A	20070612	BR 2005-7067		20050121
JP 2007522123	T	20070809	JP 2006-550176		20050121
IN 2006DN04188	A	20070713	IN 2006-DN4188		20060720
US 20070161622	A1	20070712	US 2006-586814		20060724
PRIORITY APPLN. INFO.:			CH 2004-94	A	20040123
			WO 2005-EP50272	W	20050121

OTHER SOURCE(S): CASREACT 143:193798; MARPAT 143:193798
GI



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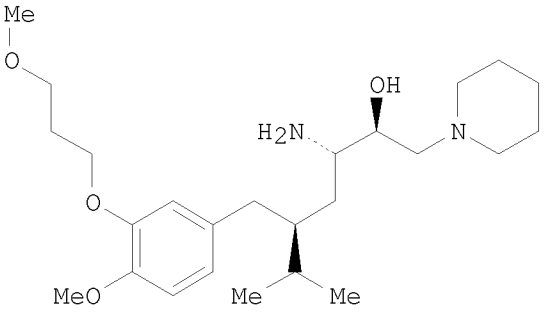

II

AB Title compds. I [R1 = H, OH, NH2, etc.; R2 = (un)substituted alkyl, cycloalkyl, alkylsuphonyl, etc. or R1 and R2 together can form with the nitrogen atom that they are attached to a (un)saturated, (un)substituted 4-8 membered heterocycle containing an addnl. N, O or S, etc.; R3 = H, alkoxycarbonyl, alkanoyl, etc.; R4 = H, alkyl, alkoxycarbonyl, etc.; R5 independently = H, alkyl or together cycloalkylidene; R6 = H or OH; R = H, halo, alkoxyalkyl, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as renin inhibitors. Thus, e.g., II was prepared by coupling of tert-butyl{3(S)-[4-methoxy-3-(3-methoxypropoxy)benzyl]-4-methyl-1(S)-(R)-oxiranylpentyl}-carbamate (preparation given) with piperidine and subsequent deprotection. The activity of I was evaluated in vitro monitoring the reduction of the formation of angiotensin I in different systems (no data). I as renin inhibitor should prove useful in the treatment of hypertension, heart failure and glaucoma. Pharmaceutical compns. comprising I are disclosed.

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L11 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:665142 HCAPLUS
DOCUMENT NUMBER: 131:286827
TITLE: Preparation of dipeptide chemical compound which includes the AHPBA derivatives as antiviral agents
INVENTOR(S): Yabe, Yuichiro; Hayakawa, Ichio; Nitta, Tamayo; Takagi, Eiji; Ozawa, Yuji; Nakagawa, Akihiko
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11286478	A	19991019	JP 1998-89032	19980401
PRIORITY APPLN. INFO.:			JP 1998-89032	19980401
OTHER SOURCE(S):	MARPAT 131:286827			

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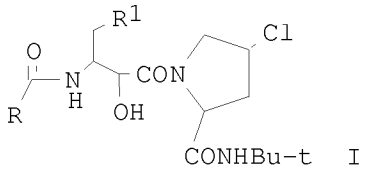

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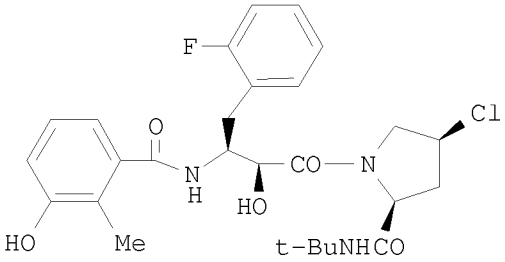

II

AB AHPBA (3-amino-2-hydroxy-4-phenylbutyric acid) containing title compds. [I; R = (un)substituted aryl, such as 3-HO-2-CH3C6H3, 2,4-(CH3)2C6H3, 3-HO-2,5-(CH3)2C6H2, 3-HO-2,4-(CH3)2C6H2, 3-HO-2,6-(CH3)2C6H2, etc.; R1 = (un)substituted aryl, such as 2-FC6H4, 3-FC6H4, 4-FC6H4, 2,3-F2C6H3, 4-CF3C6H4, 3-CF3C6H4, etc.] are prepared and tested as antiviral agents against HIV. Thus, the title compound II was prepared

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	52.38	429.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-8.20	-8.20

STN INTERNATIONAL LOGOFF AT 11:33:42 ON 26 MAR 2009